

H.A

Notice of Allowability

Application No.

10/614,454

Applicant(s)

BOS, BRENT J.

Examiner

Alessandro V. Amari

Art Unit

2872

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 2/11/2005.
2. ☒ The allowed claim(s) is/are 88,89,91,93-99,101-104,106-115,117-120,122-126,128 and 130-138.
3. ☒ The drawings filed on 07 July 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Timothy Flory on 17 February 2005.

The application has been amended as follows:

In the specification, page 1, after the title, amend the opening paragraph as follows –

The present application is a division of U.S. Pat. Application, Ser. No. 09/767,939, filed Jan. 23, 2001 by Bos for WIDE ANGLE IMAGING SYSTEM, now U.S. Pat. No. 6,590,719 (Attorney Docket DON08 P-871), which is a division of U.S. pat. application, Ser. No. 09/361,814, filed July 27, 1999, by Bos for WIDE ANGLE IMAGING SYSTEM, now U.S. Pat. No. 6,201,642 (Attorney Docket DON08 P-746), which are hereby incorporated herein by reference in their entireties; ~~and is a continuation-in-part of U.S. pat application, Ser. No. 10/823,323, filed Apr. 13, 2004 by Bos et al. for CONTROL SYSTEM INCLUDING AN IMAGING SENSOR (Attorney Docket DON01 P-1149), which is a continuation of U.S. pat. Application, Ser. No. 10/011,517, filed Nov. 5, 2001 by Bos et al. for INTERIOR REARVIEW MIRROR SYSTEM INCLUDING A FORWARD FACING VIDEO DEVICE (Attorney Docket No. DON01 P-934), which is a continuation-in-part of U.S. pat. application, Ser. No.~~

~~09/599,979, filed June 22, 2000 by Schofield et al for VEHICLE RAIN SENSOR USING IMAGING SENSOR, now U.S. Pat. No. 6,320,176 (Attorney Docket No. DON01 P-816), which is a continuation of U.S. pat. application, Ser. No. 09/135,565, filed on Aug. 17, 1998 for VEHICLE HEADLAMP CONTROL USING IMAGING SENSOR, now U.S. Pat. No. 6,097,023 (Attorney Docket No. DON01 P-699), which is a continuation of U.S. pat. Application, Ser. No. 08/621,863, filed on Mar. 25, 1996 for VEHICLE HEADLIGHT CONTROL USING IMAGING SENSOR, now U.S. Pat. No. 5,796,094 (Attorney Docket No. DON01 P-555).~~

Allowable Subject Matter

2. Claims 88, 89, 91, 93-99, 101-104, 106-115, 117-120, 122-126, 128 and 130-138 are allowed.

3. The following is an examiner's statement of reasons for allowance:

Claims 93, 117 and 130 are allowed for the reasons stated in the previous office actions. Claims 88, 89, 91, 94-99 and 101-104 are also allowable based upon their dependence on claim 93; claims 106-115 and 118-120 are also allowable based upon their dependence on claim 117; and claims 122-126, 128 and 131-138 are also allowable based upon their dependence on claim 130.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alessandro V. Amari whose telephone number is (571) 272-2306. The examiner can normally be reached on Monday-Friday 8:00 AM to 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Drew Dunn can be reached on (571) 272-2312. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

ava *ava*
18 February 2005


MARK A. ROBINSON
PRIMARY EXAMINER